SPECIFICATIONS

Gateway M325 Notebook

Specifications are subject to change without notice or obligation.

Processor and Core Logic

Processor options	▪ One Intel® Celeron™ M CPU -OR- ▪ One Intel® Pentium® M CPU To determine your notebook's processor, click **Start**, **My Computer**, then click **View System Information**. The processor is listed.
Processor packaging	478-pin uFCPGA
Level 2 cache	▪ 1 MB (Celeron M) -OR- ▪ 2 MB (Pentium M)
Chipset-Northbridge	▪ Intel 910GM (Celeron M) -OR- ▪ Intel 915GM (Pentium M)
Chipset-Southbridge	Intel ICH6-M
Processor side bus speed	▪ 400 MHz (Celeron M) ▪ 400/533 MHz (Pentium M)
BIOS	▪ Phoenix BIOS ▪ 8 MB Flash ROM ▪ SMBIOS 2.3 support ▪ Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support ▪ Wired for Management 2.0 (WfM 2.0)

System memory

Memory type	400/533 MHz DDR2 RAM
Memory expansion options	• Two 200-pin industry standard DDR-SODIMM sockets • Accepts two 400/533 MHz DDR2 RAM memory modules in memory bay • 2 GB maximum system memory • Single channel To determine your notebook's memory, click **Start**, **My Computer**, then click **View System Information**. The memory is listed.

Video

Graphics controller	Intel Extreme Graphics 2 • 2D hardware acceleration • 3D rendering acceleration
Video memory	Shares system memory: 32, 64, or 128 MB
LCD display panel	15.0-inch active matrix (TFT) LCD color display Maximum panel resolution: 1024 × 768 Maximum color depth: 32-bit (16.7 million colors)
LCD supported video modes	XGA
LCD maximum refresh rate	60 Hz
Controls	• Brightness level selectable through FN keys (up, down) • Auto dim on battery and auto bright on AC power (selectable in BIOS)
External video	Supports dual display and extended desktop NOTE: This notebook does not have S-Video.
External CRT resolutions	Supports standard IBM VGA compatible modes Maximum resolution: 1920 × 1440 Maximum color depth: 32-bit (16.7 million colors)
External CRT maximum refresh rate	60 Hz

Audio

Sound support	- Conexant SmartAMCi Audio Modem Codec (AMC) CX20468-31 - AC '97 Revision 2.3 Compliant NOTE: This notebook supports S/PDIF. NOTE: This notebook does not have an internal microphone.
Volume controls	- Volume control toggle - Press toggle in to mute the sound - Software control provided through Windows
Internal speakers	- Stereo speakers built into front of notebook 1.5 W/4 ohm maximum output for each channel
Audio jacks	- Stereo headphone output - Monophonic microphone input

Communications

Modem features	- Conexant CX20493-21 56K v.92 Soft Modem - Uses the RJ-11 jack on the rear of the notebook - Supports Wake on Ring from S3 power mode
10/100 Mbps Ethernet interface features	- PCI-E - Integrated IEEE 802.3 (10/100/1000 BASE-TX) Ethernet interface - Uses the RJ-45 jack on the rear of the notebook - Supports Wake on LAN from S3 power mode
Wireless Ethernet interface features **(Factory installed option)**	- Intel® PRO/Wireless IEEE 802.11b/g network card, Mini-PCI (Pentium M models only) -OR- - Broadcom IEEE 802.11g network card, Mini-PCI (Celeron M models only) FN+F2 keyboard combination turns wireless Ethernet on and off. **Antenna:** Uses factory-installed diversified internal antenna **Operating channels:** 11 selectable channels **Security:** 128 and 64 bit WEP encryption **Operating Frequency:** 2.4 GHz Direct Sequence Spread Spectrum (IEEE 802.11b and IEEE 802.11g) **Maximum Data Rate** 54 Mbps (IEEE802.11g) 11 Mbps (IEEE802.11b)

Input/Output (I/O)

Keyboard	- U.S. English keyboard - Full-sized 88-keys 19 mm × 19 mm key pitch 2.5 mm keystroke
Pointing device	- Gateway EZ-Pad™ touchpad with vertical scroll 2-button design
Status indicators	FN+F1 keyboard combination turns status indicators on and off. - AC power - Wireless Ethernet - Caps lock - PAD (Num) lock - Hard drive access - Battery status - Power/Suspend
Input/Output (I/O) ports	- Three USB 2.0 (4-pin) - IEEE 1394 (4-pin) - V.92, 56K Modem (RJ-11) 10/100/1000 Ethernet (RJ-45) - External monitor (VGA) - Stereo headphone output - Monophonic microphone input - PC Card socket (one Type II) - DC input
PCMCIA	- Accepts one Type II device - TI PCI-7411 controller NOTE: This notebook does not support Zoom Video.

Storage

Hard drive	2.5-inch diameter 9.5 mm height To find the hard drive capacity, click **Start**, then click **My Computer**. Right-click the drive letter, then click **Properties**. The drive's capacity and available space appears. If the drive has multiple partitions (for example, C: and D:), add the capacities of each partition to determine the drive's total capacity.
Memory card reader **(factory installed option)**	Supports the following card types: - Memory Stick® - Memory Stick Pro® - MultiMediaCard™ - Secure Digital™

Optical drive **(factory installed)**	Available drives include:
	▪ CD
	▪ Combination DVD/CD-RW
	▪ Combination CD-RW/DVD+/-RW
	To determine the type of optical drive in your system, examine the drive tray's plastic cover. A DVD logo in combination with a CD-R/RW logo indicates a DVD drive that also is a recordable/rewritable CD drive, and a DVD-ROM/R/RW logo in combination with a CD-R/RW logo indicates a recordable/rewritable DVD drive that also is a recordable/rewritable CD drive.

Power

AC adapter	▪ 19 VDC, 3.42A, 65 W output
	▪ Automatically adjusts for 100 to 240 VAC, 50 to 60 Hz power sources
	▪ Two-wire design
Battery type	▪ Removable Lithium Ion battery pack
	▪ Embedded controller inside to support smart battery
Battery capacity	6-cell Li-Ion
	▪ 4.4 Ah
	▪ 11.1 V nominal
	▪ 48 Whr
	Battery life varies depending on configuration, programs, power management settings, and features used. Recharge time varies, depending on usage.
Power management	▪ Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support
	▪ SMBIOS 2.3
	▪ PC 2001 compliant
	▪ CPU may support Intel® Speedstep™ technology
Controls	Icon on taskbar shows battery charge as a percentage remaining
Power switch	Supports Power On/Off, Standby/Resume, Hibernate, Shutdown
Lid switch	LCD On/Off, Standby, Hibernate

Security

Passwords	▪ Power-on password (user/supervisor password set in BIOS)
	▪ Hard drive password
Physical	▪ Main system memory compartment screw
	▪ Hard drive kit screw
	▪ Mini PCI bay screw
	▪ Kensington® security slot on notebook back

System software

Operating system	▪ Microsoft® Windows® XP Professional ▪ Microsoft® Windows® XP Home Edition
System management	▪ SMBIOS 2.3 BIOS support ▪ Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support ▪ Support for Wake on LAN from S3 power mode ▪ Support for Intel® LANDesk® Client manager 6.0 ▪ Wired for Management 2.0 (WfM 2.0) enabled
System compatibility	▪ PC2001 specification ▪ Advanced Configuration and Power Interface 2.0 (ACPI 2.0) support ▪ SMBIOS 2.3 ▪ Windows Hardware Quality Labs (WHQL) certified
Quick boot	Supported

Physical specifications

Dimensions	~12.9 × 10.5 × 1.0 in. (W × D × H) ~328 × 268 × 26 mm (W × D × H)
System weight	~5.5 lbs. (~2.5 kg) Includes optical drive and 6-cell battery ~6.1 lbs. (~2.75 kg) Includes optical drive and optional 9-cell battery
AC adapter weight	~11.5 ounces (~357 g) Includes cord
Battery weight	~10.4 ounces (~322.5 g)

Environment

Operating temperature	50°F to 90°F (10°C to 32°C)
Storage temperature	4°F to 140°F (-15°C to 60°C)
Operating humidity	20% to 80% relative humidity; no condensation

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